## Rec'd PGT/PTO 07 NOV 2085

10/535 Attorner Docket No.

## BIRCH, STEWART, KOL:ASCH & BIRCH, LLP

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

nsert Title:	ION ELUTION UNIT A	<u>ND APPLIAN</u>	CE INCORPORATINO	<u>G AN ION ELUTIO</u>	N UNIT						
ill in Appropriate	the specification of which		nereto. If not attached l	hereto, the application	on is identified by the	attorney docket	number as set				
-fa	forth above and/or the				•		26				
nformation - For Use Without	United States Appl	ication Number	er				as				
specification	and amended on					(if applicable	e) and/or				
Attached:	the specification w			as PCT							
	International Appl		;	and was							
	amended on <u>May</u>		(if applicable)								
	I hereby state that amended by any amended	Ū									
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Conference on Regulations, §1.56.										
	I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.										
	I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:										
	Prior Foreign Applica		ion on which phoney	is claimed.		Priority (	Claimed				
nsert Priority						_					
nformation: if appropriate)	2002-335630 / (Number)	<u>Japan</u> (Country)	<u>-</u>	November 19 (Month/Day	/Year Filed)	⊠ Yes	□ No				
	(Name 1 and	(C)		Of such (Day	///	U Yes					
	(Number)	(Country)		(Month/Day	/ Year Filed)	Yes	No				
	(Number)	(Country)		(Month/Day	/Year Filed)	Yes	No .				
	(Number)	(Country)		(Month/Day	/Year Filed)	☐ Yes	□ No				
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.										
nsert Provisional											
Application(s): if any)	(Application Number)			(Filing Date)							
	(Application Number)			(Filing Da	(Filing Date)						
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:										
	Country		Application Number	er .	Date of Filing (Mont	th/Day/Year)					
nsert Requested nformation: if appropriate)											
/	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.										
nsert Prior U.S. Application(s): if any)	(Application Number)		(Filing Date)		(Status - patented, p	ending, abandor	ned)				
,,	<u></u>						<del></del>				
age 1 of 2 Rev. 07/2003)	(Application Number)		(Filing Date)		(Status - patented, p	ending, abandor	ied)				

Rec'd PCT/PTO 07 NOV 2005

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

## BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE: YOU MUST **COMPLETE** THE **FOLLOWING:** 

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Full Name of First or Sole Inventor: Insert Name of Inventor Insert Date This Document is Signed	Hirokazu OOE	Hirohazu Ooe		June 9.2005					
Insert Residence	Residence (City, State & Country)	, , , , ,	CITIZENSHII						
Insert Citizenship →	Yao-Shi,Osaka 581-0068 JAPAN	Japanese ,							
Insert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	3-2-11-437,Atobekitano-Cho,Yao-Shi,Osaka 581-0068 JAPAN								
Full Name of Second Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
see above	Minoru TADANO	Minou Tadano		June 9,2005					
200	Residence (City, State & Country)		CITIZENSHII	P					
	Sakai-Shi, Osaka 591-8005 JAPAN FOX		Japanese						
:	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	1-39-5-418, Shinbori-Cho, Sakai-Shi, Osaka 591-8005 JAPAN								
Full Name of Third Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
see above	Mugihei IKEMIZU	Mugihi Skemizu		June 9,2005					
$\rightarrow v c$	Residence (City, State & Country)		CITIZENSHII						
	Osaka-Shi, Osaka 547-0002 JAPAN FX	Japanese /							
	MAILING ADDRESS (Complete Street Address including City, State & Country)								
	5-7-30-302 Kamihigashi, Hirano-Ku, Osaka-Shi, Osaka 547-0002 JAPAN								
	5-7-30-302 Kalluligasili, Filfalio-Ku, Osaka-3ili, O	58A8 547-0002 JAI AIN							
Full Name of Fourth Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*					
Full Name of Fourth Inventor, if any: see above		INVENTOR'S SIGNATURE	<b>₽</b>	DATE* June 9,2005					
	GIVEN NAME/FAMILY NAME	· · · · · · · · · · · · · · · · · · ·	CITIZENSHII	June 9,2005					
	GIVEN NAME/FAMILY NAME Hirofumi YOSHIKAWA	INVENTOR'S SIGNATURE	CITIZENSHII Japanese	June 9,2005					
	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)	INVENTOR'S SIGNATURE Herofume Goshikan	CITIZENSHII	June 9,2005					
	GIVEN NAME/FAMILY NAME Hirofumi YOSHIKAWA Residence (City, State & Country) Osaka-Shi, Osaka 558-0004 JAPAN	INVENTOR'S SIGNATURE  Herofum Yoshikari  ncluding City, State & Country)	CITIZENSHII	June 9,2005					
	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)  Osaka-Shi, Osaka 558-0004 JAPAN  MAILING ADDRESS (Complete Street Address in	INVENTOR'S SIGNATURE  Herofum Yoshikari  ncluding City, State & Country)	CITIZENSHII	June 9,2005					
Inventor, if any: see above  Full Name of Fifth Inventor, if any:	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)  Osaka-Shi, Osaka 558-0004 JAPAN  MAILING ADDRESS (Complete Street Address in 1-3-1, Nagaihigashi, Sumiyoshi-Ku, Osaka-Shi, Osaka-S	INVENTOR'S SIGNATURE  Herofume Goshikan  ncluding City, State & Country)  saka 558-0004 JAPAN	CITIZENSHII	June 9,2005					
Inventor, if any: see above  Full Name of Fifth Inventor, if any:	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)  Osaka-Shi, Osaka 558-0004 JAPAN  MAILING ADDRESS (Complete Street Address in 1-3-1, Nagaihigashi, Sumiyoshi-Ku, Osaka-Shi, Osaka-S	INVENTOR'S SIGNATURE  Herofumo Gosthikan  ncluding City, State & Country)  saka 558-0004 JAPAN  INVENTOR'S SIGNATURE	Japanese	June 9,2005					
Inventor, if any: see above  Full Name of Fifth Inventor, if any:	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)  Osaka-Shi, Osaka 558-0004 JAPAN  MAILING ADDRESS (Complete Street Address in 1-3-1, Nagaihigashi, Sumiyoshi-Ku, Osaka-Shi, Osaka-S	INVENTOR'S SIGNATURE  Herofumo Gosthikan  ncluding City, State & Country)  saka 558-0004 JAPAN  INVENTOR'S SIGNATURE	Japanese	June 9,2005					
Inventor, if any: see above  Full Name of Fifth Inventor, if any:	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)  Osaka-Shi, Osaka 558-0004 JAPAN  MAILING ADDRESS (Complete Street Address in 1-3-1, Nagaihigashi, Sumiyoshi-Ku, Osaka-Shi, Osaka-S	INVENTOR'S SIGNATURE  Herofumo Gosthikan  ncluding City, State & Country)  saka 558-0004 JAPAN  INVENTOR'S SIGNATURE	Japanese	June 9,2005					
Inventor, if any:  see above  Full Name of Fifth Inventor, if any:  see above	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)  Osaka-Shi, Osaka 558-0004 JAPAN  MAILING ADDRESS (Complete Street Address in 1-3-1, Nagaihigashi, Sumiyoshi-Ku, Osaka-Shi, Osaka-S	INVENTOR'S SIGNATURE  Herofume Grahikan  ncluding City, State & Country) saka 558-0004 JAPAN  INVENTOR'S SIGNATURE	Japanese	June 9,2005  DATE*					
Inventor, if any:  see above  Full Name of Fifth Inventor, if any:  see above	GIVEN NAME/FAMILY NAME  Hirofumi YOSHIKAWA  Residence (City, State & Country)  Osaka-Shi, Osaka 558-0004 JAPAN  MAILING ADDRESS (Complete Street Address in 1-3-1, Nagaihigashi, Sumiyoshi-Ku, Osaka-Shi, Osaka-S	INVENTOR'S SIGNATURE  Herofumo Gosthikam  Including City, State & Country)  Saka 558-0004 JAPAN  INVENTOR'S SIGNATURE  INVENTOR'S SIGNATURE	Japanese  CITIZENSHII	June 9,2005  DATE*					